

ABSTRACT OF THE DISCLOSURE

A system allowing for an integrated flight loads balancing process at one or more time instances of a flight maneuver of an aircraft includes a processor and a plurality of resources. Additionally, the system includes a resource
5 integration program that is executable by the processor. Upon execution by the processor, the resource integration program operates to integrate the plurality of resources so that the integrated resources are accessible to the system while balancing the flight loads at the one or more time instances.